# Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

15180

Application ID:

10063757

Title of Invention:

COMPRESSED-RADIUS HEM-

FORMING PROCESS AND TOOL

First Named Inventor:

Peter Friedman

Domestic/Foreign Application:

**Domestic Application** 

Filing Date:

null

Effective Receipt Date:

2002-05-10

Submission Type:

**Utility Patent Filing** 

Filing Type:

new-utility

Confirmation Number:

0

Attorney Docket Number:

202-0173 RLC

Digital Certificate Holder:

cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and

Trademark Office, ou=Department of Commerce, o=U.S.

Government, c=US

Certificate Message Digest:

Xp5KjQLfzh1GSMzOxJZW0A==

Total Fees Authorized:

\$820.0

Payment Category:

**DA - Deposit Account** 

**Deposit Account Number:** 

61510

Deposit Account Name:

Saundra M. Lewis

## TRANSMITTAL FORM



**Electronic Version 1.0.3** 

Stylesheet Version: 1.0

Attorney Docket

Number:

202-0173

RLC

Submission Type: Utility Patent

**Filing** 

# COMPRESSED-RADIUS HEM-FORMING PROCESS AND TOOL

First Named Inventor: Peter A. Friedman

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Series State Street

Saundra M. Lewis Electronic Filing

Specialist

Electronic Signature Mark: /sml

Date Signed: 20020510

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declaration

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declaration

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### Comments:

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DECLARATION	AND POWER OF ATTO	RNEY - ORIGINAL	. APPLICATION	Attorney's Doc 202-0173	ket No.
As a below named My residence, post	inventor, I hereby declar office address and citize	re: enship are as stated b	elow next to my name	:	
I verily believe I am for which a patent is	the original, first and so s sought on the invention	le inventor or an origir n entitled	nal, first and joint inve	ntor of the subject matte	r that is claimed and
COMPRESSED-RA	ADIUS HEM-FORMING	PROCESS AND TOO	L .		
the specification of	which is attached hereto	<b>).</b>			
I have reviewed and	d understand the conten	ts of the specification	identified above, inclu	ding the claims.	
accordance with Se as to application for prior to this application [X] n	Juty to disclose informat cition 1.56(a), Title 37 of r patents or inventor's ci- tion by me or my legal re o such applications have uch applications have b- hereby claim the benefi	the Code of Federal F ntificate on the inventi epresentatives or assign been filed, or seen filed as follows:	Regulations; and on filed in any country gns	foreign to the United St	tates of America,
COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	Additional provisional application numbers are listed
				·	on a supplemental priority data sheet PTO/SB/02B attached hereto.
application designa not disclosed in the § 112, I acknowled:	periefit under 35 U.S.C. ting the United States, in prior United States or Pege the duty to disclose in the filing date of the prior	sted below and, insofe CT International applies formation which is ma	er as the subject matte cation in the manner p sterial to patentability a	er of each of the claims of provided by the first para as defined in 37 CFR 6	of this application is agraph of 35 U.S.C. 1.56 which became
(Application Numb	er)	(Filing Date)	(Status -	patented, pending, abar	ndoned)
(Application Numb	er)	(Filing Date)	(Status -	patented, pending, abar	idoned)
Ribando - 27,109	RNEY: - I/we hereby a as my/our attorney(s) or atent and Trademark O	agent(s) to prosecute	the application identif	No. 28395, Kevin J. Hied above, and to transs	deini - 29,805, Brian act all business in

Attorney Docket No: 202-0173 Please call 313-322-7725 if this paper becomes separated from the file

Address all correspondence and telephone calls to
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Kevin J. Heinl Brooks & Kushman 1000 Town Center Twenty-Second Floor Southfield, MI 48075-1351 Phone: 248-358-4400

I horoby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Socion 1001 of Title 18 of the United States Code, and that such wilful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Peter A. Friedman 1050 Olivia Ave Ann Arbor, MI 48104 US	Ann Arbor, MI 48104 US	U.S.A	Seta A fider	5/3/02
William Faitel 29700 Commerce Blvd. Chesterfield Twp, MI 48051 US	Chesterfield Twp, MI 48051 US	U.S.A		<u></u> -
Jaideep Samant 29700 Commerce Blvd Chesterfield Twp., MI 48051 US	Chesterfield Twp, MI 48051 US	U.S.A		
Patrick Coughlin 29700 Commerce Blvd Chesterfield Twp, MI 48051 US	Chesterfield Twp, MI 48051 US	U.S.A	· · ·	
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Zhiyong Cedric XIa 41536 Pheasant Creek Drive Canton, MI 48188	Canton, MI 48188 US	U.S.A		*/ <i>}</i>

Attorney Docket No: 202-0173 Please call 313-322-7725 if this paper becomes separated from the file.

Address all correspondence and te	lephone calls to:			
Kevin J. Heinl Brooks & Kushman 1000 Town Center Twenty-Second Flo Southfield, MI 48075-1351 Pt	or none: 248-358-4400			
I hereby declare that all statements made is believed to be true; and further that these s punishable by fine or imprisonment, or both jeopardize the validity of the application or	tatements were made with the knowled i, under Section 1001 of Title 18 of the 1	ge that willful false	statements and the like so made :	ire
NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Peter A. Friedman 1050 Olivia Ave Ann Arbor, MI 48104 US	Ann Arbor, Mi 48104 US	U.S.A		
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Zhiyong Cedric Xia	Canton, MI 48188	U.S.A		

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#### PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS Washington, D. C. 2023

Case Docket No. 202-0173 Date: May 2, 2002

Sir:

Inventor(s):
Peter Friedman
William Faitel
Jaideep Samant
Patrick Coughlin Phil Wiens **Craig Miller** Zhiyong Xia

For: COMPRESSED-RADIUS HEM-FORMING PROCESS AND TOOL

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:

Raymond L. Coppiellie

Raymond L. Copplelle
Attorney or Agent of Record
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Attorney Docket No: 202-0173

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Substitute for Form: 1449A/P1O  INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known			
		Application Number	TO BE ASSIGNED		
		Filing Date	HEREWITH		
		First Named Inventor	JAIDEEP SAMANT ET AL		
				Group Art Unit	
	(use as many	sheets as neces	sary)	Examiner Name	
Sheet	1	of	1	Attorney Docket Number	FMC 1465 PUS / 202-0173

				U.S. PATENT DO	CUMENTS	
Examiner Initials	Cite No.1		MENT d Code <sup>2</sup> f known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,224,253		Sawa	27-06-1993	
		5,267,387		Sawa	12-07-1993	
		5,457,981		Brown et al	10-17-1995	
		5,740,691		Kovarovic et al	04-21-1998	
		6,000,118		Biernat et al	12-14-1999	
		6,257,043		Wiens	07-10-2001	
		2001/0029766 A	1	Wiens	10-18-2001	
$\Box$						
					-	

Examiner Initials	Gite No.	Offic	Foreign Patent Documes  Number 4	Kind Code <sup>c</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		EF	0 988 906 A3		Daimler Chrysler	08-19-1999		_
		JP	61-262432			1985		_
		JР	4-253524			1991		_
		JP	6-344037			1993		
		JP	7-60370			1993		
		EP	0 988 906 A2			1999		_
		┝─						_

Examiner	Date
Signature	Considered
*EXAMINED: Initial if reference considered, whether or not citation is in conformance a	ith MODER COO. Draw line through election if not in professionance and not

<sup>&</sup>quot;EXAM-NER: Initial if reference considered, whether or not citation is in conf considered. Include copy of this form with next communication to applicant. 1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. 3 Applicant is to piace a check mark here if English language Translation is attached.

## **FEE TRANSMITTAL**

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

**TOTAL FEES AUTHORIZED: \$820** 

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name:

Saundra M. Lewis

Electronic Signature Mark:

/sml

Date Signed:

20020510

#### BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

#### **EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 18	103	\$ 18	0	\$ O
Independent Claims: 3	102	\$ 84	0	\$ O

### **ADDITIONAL FEES**

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	. 1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80